FORM D

Hell Bestington, DC

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM D

NOTICE OF SALE OF SECURITIES PURSUANT TO REGULATION D, **SECTION 4(6), AND/OR** ATTED OFFERING EXEMPTION

OMB APPR	UVAL
OMB Number:	3235-0076
Expires:	April 30, 2008
Estimated avera	age burden
hours per respons	se 16.00

SEC	JSE ONLY					
Prefix Serial						
DATE RECEIVED						

Name of Offering (check if this is an amendment and name has changed, and indicate change.) Series E Preferred Stock Financing	
Filing Under (Check box(es) that apply): Rule 504 Rule 505 Rule 506 Section 4(6) Type of Filing: New Filing Amendment	DLOE
A. BASIC IDENTIFICATION DATA	
1. Enter the information requested about the issuer	08057048
Name of Issuer (check if this is an amendment and name has changed, and indicate change.) Pacific Biosciences of California, Inc.	
	Telephone Number (Including Area Code) (650) 323-9401
Address of Principal Business Operations (Number and Street, City, State, Zip Code) (if different from Executive Offices)	Telephone Number (Including Area Code)
Brief Description of Business Genomic Sequencing Technology	PROCESSED
Type of Business Organization corporation business trust limited partnership, already formed business trust limited partnership, to be formed	se specify): JUL 2 9 2008
Actual or Estimated Date of Incorporation or Organization: Month Year	THOMSON REUTER
GENERAL INSTRUCTIONS	
Federal: Who Must File: All issuers making an offering of securities in reliance on an exemption under Regulation D or Securities.	ection 4(6), 17 CFR 230.501 et seq. or 15 U.S.C.
When To File: A notice must be filed no later than 15 days after the first sale of securities in the offering. A and Exchange Commission (SEC) on the earlier of the date it is received by the SEC at the address given below which it is due, on the date it was mailed by United States registered or certified mail to that address.	notice is deemed filed with the U.S. Securities w or, if received at that address after the date on
Where To File: U.S. Securities and Exchange Commission, 450 Fifth Street, N.W., Washington, D.C. 20549.	
Copies Required: Five (5) copies of this notice must be filed with the SEC, one of which must be manually signed copy or bear typed or printed signatures.	igned. Any copies not manually signed must be
Information Required: A new filing must contain all information requested. Amendments need only report the thereto, the information requested in Part C, and any material changes from the information previously supplied	he name of the issuer and offering, any changes I in Parts A and B. Part E and the Appendix need
not be filed with the SEC.	
not be filed with the SEC.	urities Administrator in each state where sales he exemption, a fee in the proper amount shall

filing of a federal notice.

		A. BASIG IDE	TIFICATION DATA	i da dig	The state of the s
. Enter the information re				•	
		er has been organized wi			
Each beneficial own	er having the power	to vote or dispose, or dire	ct the vote or disposition of	, 10% or more of a	class of equity securities of the issu
			orporate general and mana	aging partners of p	partnership issuers; and
 Each general and n 	nanaging partner of	partnership issuers.			
theck Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	☑ Director	General and/or Managing Partner
Full Name (Last name first, if Martin, Hugh C.	individual)				
Business or Residence Addre	es (Number and St	reet City State Zin Co	de)		
505 Adams Drive, Menle			,		
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, i Murphy, Matthew B.	f individual)				
Business or Residence Address 1439 16th Avenue, San F			ode)		
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, Byers, Brook H.	if individual)				
Business or Residence Addr	ess (Number and S	treet, City, State, Zip Co	ode)		
2750 Sand Hill Road, Me			·		
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, Siegel, Susan	if individual)				
Business or Residence Addr 580 Patrol Road, Woods		treet, City, State, Zip Co	ode)		
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, Ericson, William W.	if individual)				
Business or Residence Addr 3000 Sand Hill Road, Bu					
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, Turner, Stephen W.	if individual)				
Business or Residence Addi 1505 Adams Drive, Men			ođe)		
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, Maverick Capital	if individual)				
Business or Residence Add					

Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, if Trela, Martha	individual)			· -	
Business or Residence Addr 1540 Morse Blvd., San C			ode)		
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, Singer, David	if individual)				
Business or Residence Addr 300 Crescent Court 17th	ess (Number and Floor, 150 Field	Street, City, State, Zip C I Drive, Dallas, TX 75	ode) 5201		
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, MDV VII, L.P.	if individual)				
Business or Residence Add 3000 Sand Hill Road, Bu	ress (Number and hilding 3, Suite 2	Street, City, State, Zip C 290, Menlo Park, CA	Code) 94025	_	
Check Box(es) that Apply:	Promoter	Beneficial Owner	Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first, KPCB Holdings, Inc.	if individual)				
Business or Residence Add 2750 Sand Hill Road, M			Code)		
Check Box(es) that Apply:	Promoter	Beneficial Owne	F Executive Officer	Director	General and/or Managing Partner
Full Name (Last name first Alloy Ventures	, if individual)				
Business or Residence Add 400 Hamilton Avenue,	lress (Number and 1 th Floor, Palo A	Street, City, State, Zip (lto, CA 94301	Code)		
Check Box(es) that Apply:	Promoter	Beneficial Owne	Executive Office	r 🛭 Director	General and/or Managing Partner
Full Name (Last name first Hunkapiller, Michael	, if individual)				
Business or Residence Add 400 Hamilton Avenue,	iress (Number and 4 th Floor, Palo A	Street, City, State, Zip (Code)		
Check Box(es) that Apply:	Promoter	Beneficial Owne	er 🛛 Executive Office	r Director	General and/or Managing Partner
Full Name (Last name first Petkanics, Donna	t, if individual)				
Business or Residence Add 650 Page Mill Road, Pa			Code)		
Check Box(es) that Apply	Promoter	Beneficial Owner	er Executive Office	er Director	General and/or Managing Partner
Full Name (Last name firs	t, if individual)				
Business or Residence Ad	dress (Number an	d Street, City, State, Zip	Code)		

B. INFORMATION ABOUT OFFERING	2 2 3	
	Yes	No ⊠
1. Has the issuer sold, or does the issuer intend to sell, to non-accredited investors in this offering?		
Answer also in Appendix, Column 2, if filing under ULOE. 2. What is the minimum investment that will be accepted from any individual?	\$ N/A	
2. What is the minimum investment that will be accepted from any individual?	Yes	No
 Does the offering permit joint ownership of a single unit? Enter the information requested for each person who has been or will be paid or given, directly or indirectly, commission or similar remuneration for solicitation of purchasers in connection with sales of securities in the offer If a person to be listed is an associated person or agent of a broker or dealer registered with the SEC and/or with a or states, list the name of the broker or dealer. If more than five (5) persons to be listed are associated persons of a broker or dealer, you may set forth the information for that broker or dealer only. 	any ring. state	L
Full Name (Last name first, if individual)		
Business or Residence Address (Number and Street, City, State, Zip Code)		
Name of Associated Broker or Dealer		
States in Which Person Listed Has Solicited or Intends to Solicit Purchasers		
(Check "All States" or check individual States) AL AK AZ AR CA CO CT DE DC FL IL IN IA KS KY LA ME MD MA MI MT NE NV NH NJ NM NY NC ND OH RI SC SD TN TX UT VT VA WA WV	GA HI MN MS OK OR WI WY	All States ID MO PA PR
Full Name (Last name first, if individual) Business or Residence Address (Number and Street, City, State, Zip Code)	·	
Name of Associated Broker or Dealer		
States in Which Person Listed Has Solicited or Intends to Solicit Purchasers		
(Check "All States" or check individual States) AL AK AZ AR CA CO CT DE DC FL IIL IN IA KS KY LA ME MD MA MI MT NE NV NH NJ NM NY NC ND OH RI SC SD TN TX UT VT VA WA WV	GA HI MN MS OK OR WI WY	All States ID MO PA PR
Full Name (Last name first, if individual)		
Business or Residence Address (Number and Street, City, State, Zip Code)		
Name of Associated Broker or Dealer		
States in Which Person Listed Has Solicited or Intends to Solicit Purchasers (Check "All States" or check individual States) AL AK AZ AR CA CO CT DE DC FL IL IN IA KS KY LA ME MD MA MI MT NE NV NH NJ NM NY NC ND OH RI SC SD TN TX UT VT VA WA WY	GA HI MN MS OK OR WI WY	All States ID MO PA PR

(Use blank sheet, or copy and use additional copies of this sheet, as necessary.)

1. Enter the aggregate offering price of securities included in this offering and the total amount already

	already exchanged.	Aggregate Offering Price	1	Amount Already Sold
	Type of Security	-		
	Debt\$			
	Equity\$	120,000,356	\$_	100,000,026
	☐ Common ☑ Preferred			
	Convertible Securities (including warrants)			
	Partnership Interests\$			
	Other (Specify)\$			
	Total\$	120,000,356	\$_	100,000,026
	Answer also in Appendix, Column 3, if filing under ULOE.			
2.	Enter the number of accredited and non-accredited investors who have purchased securities in this offering and the aggregate dollar amounts of their purchases. For offerings under Rule 504, indicate the number of persons who have purchased securities and the aggregate dollar amount of their purchases on the total lines. Enter "0" if answer is "none" or "zero."			Aggregate
	·	Number Investors		Dollar Amount of Purchases
	Accredited Investors	34	S	100,000,026
	Non-accredited Investors		\$	·
	Total (for filings under Rule 504 only)		. \$	·
	Answer also in Appendix, Column 4, if filing under ULOE.			
3.	If this filing is for an offering under Rule 504 or 505, enter the information requested for all securities sold by the issuer, to date, in offerings of the types indicated, in the twelve (12) months prior to the first sale of securities in this offering. Classify securities by type listed in Part C — Question 1.	:		
	Type of Offering	Type of Security		Dollar Amount Sold
	Rule 505		:	\$
	Regulation A		;	s
	Rule 504		:	\$
	Total		:	\$
4	a. Furnish a statement of all expenses in connection with the issuance and distribution of the securities in this offering. Exclude amounts relating solely to organization expenses of the insurer The information may be given as subject to future contingencies. If the amount of an expenditure is not known, furnish an estimate and check the box to the left of the estimate.	•		
	Transfer Agent's Fees		\$	
	Printing and Engraving Costs		S	
	Legal Fees		\$	150,000.00
	Accounting Fees		S	
	Engineering Fees		\$	S
	Sales Commissions (specify finders' fees separately)] \$	
	Other Expenses (identify) Form D Filing Fees		\$	1,650.00
	Total] §	151,650.00

each of the purposes check the box to the proceeds to the issue Salaries and fees Purchase of real esta Purchase, rental or land equipment Construction or leas Acquisition of other offering that may be issuer pursuant to a Repayment of indeb Working capital Other (specify): Column Totals Total Payments List	esses shown. If the amour the left of the estimate. The suer set forth in response estate or leasing and installation easing of plant buildings ther businesses (including	gross proceed to the issuer used or propose of for any purpose is not known, furnish the total of the payments listed must equal the to Part C — Question 4.b above.	an estimate and ne adjusted gross	Payments to Officers, Directors, & Affiliates	Payments to Others
Purchase of real esta Purchase, rental or I and equipment Construction or leas Acquisition of other offering that may be issuer pursuant to a Repayment of indeb Working capital Other (specify): Column Totals Total Payments List	estate or leasing and installation easing of plant buildings her businesses (including	n of machinery		Officers, Directors, & Affiliates	•
Purchase of real esta Purchase, rental or I and equipment Construction or leas Acquisition of other offering that may be issuer pursuant to a Repayment of indeb Working capital Other (specify): Column Totals Total Payments List	estate or leasing and installation easing of plant buildings her businesses (including	n of machinery		ι.	Others
Purchase, rental or I and equipment Construction or leas Acquisition of other offering that may be issuer pursuant to a Repayment of indeb Working capital Other (specify): Column Totals Total Payments List	or leasing and installation easing of plant buildings ther businesses (including	n of machinery	Г	\$	_ 🗆 s
and equipment Construction or leas Acquisition of other offering that may be issuer pursuant to a Repayment of indeb Working capital Other (specify): Column Totals Total Payments List	easing of plant buildings	n of machinery	·····] \$	_ 🗆 s
Construction or leas Acquisition of other offering that may be issuer pursuant to a Repayment of indeb Working capital Other (specify): Column Totals Total Payments List	easing of plant buildings her businesses (including				_
Acquisition of other offering that may be issuer pursuant to a Repayment of indeb Working capital Other (specify): Column Totals Total Payments List	her businesses (including			<u> </u>	
offering that may be issuer pursuant to a Repayment of indeb Working capital Other (specify): Column Totals Total Payments List		and facilities		 \$	_ 🗆 s
issuer pursuant to a Repayment of indeb Working capital Other (specify): Column Totals Total Payments List The issuer has duly cause ignature constitutes an u	r de usea in exchange for	g the value of securities involved in this the assets or securities of another			
Working capital Other (specify): Column Totals Total Payments List The issuer has duly causesignature constitutes an u	o a merger)		🗀	s	_ 🔲 s
Other (specify): Column Totals Total Payments List The issuer has duly causesignature constitutes an u					
Column Totals Total Payments List The issuer has duly causesignature constitutes an u					
Column Totals Total Payments List The issuer has duly causesignature constitutes an u] \$	_ 🗆 s
Column Totals Total Payments List The issuer has duly causesignature constitutes an u				l s	s
Total Payments List The issuer has duly cause ignature constitutes an u					
signature constitutes an u		ed)		<u> </u>	119,848,706.00
ignature constitutes an u		D. FEDERAL SIGNATURE			
ie information furnished	n undertaking by the issu	ned by the undersigned duly authorized pers her to furnish to the U.S. Securities and Ex- non-accredited investor pursuant to paragr	change Commission	on, upon writte	en request of its staff,
ssuer (Print or Type) Pacific Biosciences of (Signature Bh	. / / /	ate nly 22, 2008	
Name of Signer (Print or Matthew B. Murphy	t or Type)	Title of Signer (Print or Type) Secretary			

- ATTENTION —

Intentional misstatements or omissions of fact constitute federal criminal violations. (See 18 U.S.C. 1001.)

		E. STATE SIGNATURE
1.		262 presently subject to any of the disqualification Yes No
		See Appendix, Column 5, for state response.
2.	The undersigned issuer hereby undertak D (17 CFR 239.500) at such times as r	es to furnish to any state administrator of any state in which this notice is filed a notice on Form equired by state law.
3.	The undersigned issuer hereby underta issuer to offerees.	ikes to furnish to the state administrators, upon written request, information furnished by the
4.	limited Offering Exemption (ULOE) of	the issuer is familiar with the conditions that must be satisfied to be entitled to the Uniform f the state in which this notice is filed and understands that the issuer claiming the availability tablishing that these conditions have been satisfied.
	uer has read this notification and knows the thorized person.	e contents to be true and has duly caused this notice to be signed on its behalf by the undersigned
	Print or Type) Biosciences of California, Inc.	Signature Date July 22, 2008
,	Print or Type)	Title (Print or Type)

Instruction:

Print the name and title of the signing representative under his signature for the state portion of this form. One copy of every notice on Form D must be manually signed. Any copies not manually signed must be photocopies of the manually signed copy or bear typed or printed signatures.

-		РP		TT	TT
~	л.	$\nu \nu$	11.1		

1	Intend to non-a investor	to sell ccredited s in State -Item 1)	Type of security and aggregate offering price offered in state (Part C-Item 1)		Type of investor and amount purchased in State (Part C-Item 2)				5 Disqualification under State ULOE (if yes, attach explanation of waiver granted) (Part E-Item 1)		
State	Yes	No		Number of Accredited Investors	Amount	Number of Non- Accredited Investors	Amount	Yes	No		
AL											
AK											
ΑZ											
AR								<u></u> .			
CA		Х	Series E Preferred Stock \$119,848,706.00	15	\$42,999,999.00				х		
СО											
СТ								<u></u>			
DE											
DC									_		
FL											
GA											
HI											
ID											
IL											
IN											
IA											
KS											
KY											
LA											
мЕ											
MD		Х	Series E Preferred Stock \$119,848,706.00	4	\$1,881,005.00)			х		
MA		Х	Series E Preferred Stock \$119,848,706.00	1	\$5,000,002.00				Х		
MI											
MN											
MS											

1		2	3		<u> </u>	4		5 Disqualification		
	to non-a	I to sell accredited as in State 3-Item 1)	Type of security and aggregate offering price offered in state (Part C-Item 1)	Type of investor and amount purchased in State (Part C-Item 2)			1			
State	Yes	No		Number of Accredited Investors	Amount	Number of Non- Accredited Investors	Amount	Yes	No	
МО	-			-						
МТ										
NE										
ΝV										
NH										
NJ										
NM										
NY		Х	Series E Preferred Stock \$119,848,706.00	9	\$36,150,009.00				X	
NC										
ND										
ОН										
OK										
OR										
PA										
RI										
SC										
SD										
TN										
ТX		Х	Series E Preferred Stock \$119,848,706.00	3	\$11,850,006.00				Х	
UT		-								
VT										
VA			-							
WA										
wv								1		
WI			-						1	

			清洁法律	AP	PENDIX			H.A.	5
1	Intend to sell to non-accredited investors in State (Part B-Item 1)		Type of security and aggregate offering price offered in state (Part C-Item 1)	Type of investor and amount purchased in State (Part C-Item 2)				5 Disqualification under State ULOE (if yes, attach explanation of waiver granted) (Part E-Item 1)	
State WY	Yes	No		Number of Accredited Investors	Amount	Number of Non- Accredited Investors	Amount	Yes	No
PR									

Two international investors invested \$2,119,005.00

